

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 62028548
PUBLICATION DATE : 06-02-87

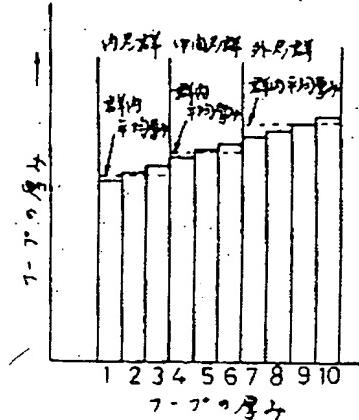
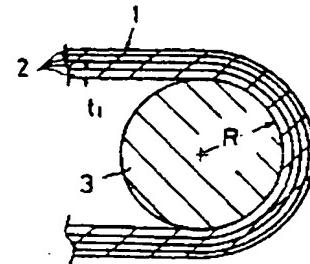
APPLICATION DATE : 27-07-85
APPLICATION NUMBER : 60166210

APPLICANT : KOBE STEEL LTD;

INVENTOR : TAKAHARA TERUYUKI;

INT.CL. : F16G 5/16 B21D 53/14 F16G 1/21

TITLE : STEEL BELT FOR POWER
TRANSMISSION



ABSTRACT : PURPOSE: To equalize stress produced in each hoop by making a hoop of the innermost layer of a steel belt thinner than a hoop of the outermost layer thereof.

CONSTITUTION: A steel belt 1 is formed by lapping a lot of hoops 2 each other. The thickness (t) of the hoop 2 is made smaller as the hoop goes from the inner layer to the outer layer. That is, the hoop 2 of the innermost layer and the hoop 2 of the outermost layer are formed in such a manner as to have a thickness (t) so that the stress of the innermost layer hoop is ideally equal to that of the outermost layer hoop. Thus, the stress of the innermost layer is decreased, and stress produced in each hoop is equalized to lengthen the life of the steel belt more than the conventional belt.

COPYRIGHT: (C)1987,JPO&Japio